

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 8    | ("5399506" "5937325" "6100171" "6365476").PN.             | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/12 13:02 |
| S2    | 0    | pre-amorphized source drain                               | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/08/04 15:16 |
| S3    | 2    | pre-amorphized source drain                               | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/01/12 13:04 |
| S4    | 4    | ("6335253"   "6355543"   "6391731"   "6514840").PN.       | US-PGPUB;<br>USPAT;<br>USOCR               | OR               | OFF     | 2005/01/12 13:22 |
| S5    | 0    | pre-amorphized same source drain                          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/01/12 13:31 |
| S6    | 23   | pre-amorphized same source drain                          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/01/12 19:56 |
| S7    | 0    | PAI and dual anneal                                       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/01/12 14:17 |
| S8    | 0    | PAI and dual near5 anneal                                 | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/01/12 14:17 |
| S9    | 1    | (laser and rta) anneal                                    | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/01/12 14:18 |
| S10   | 5    | pre-amorphized same source drain and rapid thermal anneal | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/01/12 14:23 |
| S11   | 0    | pre-amorphized same source drain and second anneal        | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/01/12 14:24 |

## EAST Search History

|     |      |   |  |     |    |                  |
|-----|------|---|--|-----|----|------------------|
| S12 | 5    | pre-amorphized same source drain and second same anneal | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 14:24 |
| S13 | 0    | pre-amorphized same source drain and multiple-pulsed    | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 19:55 |
| S14 | 0    | pre-amorphized same source drain and krf excimer        | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 19:55 |
| S15 | 2    | pre-amorphized same source drain and excimer            | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 19:57 |
| S16 | 0    | pre-amorphized same source drain and KrF                | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 19:57 |
| S17 | 8    | pre-amorphized same source drain and RTA                | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 20:02 |
| S18 | 0    | pre-amorphized and multiple-pulsed laser                | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 20:03 |
| S19 | 0    | pre-amorphized and multiple near5 pulsed near5 laser    | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 20:03 |
| S20 | 1    | pre-amorphized and multiple near5 pulse near5 laser     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/12 20:03 |
| S21 | 4794 | krF excimer   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/13 11:25 |
| S22 | 311  | krF excimer and anneal                                  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/13 11:43 |
| S23 | 241  | krF excimer and anneal and pulses                       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/01/13 11:46 |

## EAST Search History

|     |        |   |   |     |    |                  |
|-----|--------|---|---|-----|----|------------------|
| S24 | 24     | krF excimer and anneal and pulses and fluence   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | ADJ | ON | 2005/01/13 11:56 |
| S25 | 8      | krF laser and anneal and pulses and fluence   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | ADJ | ON | 2005/01/13 11:57 |
| S26 | 0      | ("6291302" "6297117" "5998272"<br>"6130144" "6235599" "6268253"<br>"6399469" "6284630" "6287925"<br>"6559015" "5966605" "6040019"<br>"6214682" "5646061" "6426262"<br>"5953615" "6365476" "6160299"<br>"6093610" "4456489" "6051473"<br>"6451693" "5960322" "6013570"<br>"6229177" "6630386" "6682980"<br>"6335253" "6391731" "5882974"<br>"6251757" "6312998" "6365450"<br>"6380043" "6383904" "6395589"<br>"6406951" "6426259" "6664146"<br>"6893930" "5824586" "6057583"<br>"6214682" "4837179" "6096616"<br>"6191052" "4757026" "4784965"<br>"4837173" "4928156").pn. | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | ADJ | ON | 2005/08/04 15:17 |
| S27 | 99     | ("6291302" "6297117" "5998272"<br>"6130144" "6235599" "6268253"<br>"6399469" "6284630" "6287925"<br>"6559015" "5966605" "6040019"<br>"6214682" "5646061" "6426262"<br>"5953615" "6365476" "6160299"<br>"6093610" "4456489" "6051473"<br>"6451693" "5960322" "6013570"<br>"6229177" "6630386" "6682980"<br>"6335253" "6391731" "5882974"<br>"6251757" "6312998" "6365450"<br>"6380043" "6383904" "6395589"<br>"6406951" "6426259" "6664146"<br>"6893930" "5824586" "6057583"<br>"6214682" "4837179" "6096616"<br>"6191052" "4757026" "4784965"<br>"4837173" "4928156").pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2005/08/04 15:30 |
| S28 | 211447 | semiconductor and (laser not melt)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2005/08/04 15:32 |

## EAST Search History

|     |        |                                       |   |    |     |                  |
|-----|--------|---------------------------------------|---|----|-----|------------------|
| S29 | 211447 | (semiconductor and laser) not melt    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:33 |
| S30 | 3900   | (source/drain and laser) not melt     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:34 |
| S31 | 470    | (source/drain and laser) and melt     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:34 |
| S32 | 4      | (source/drain and laser) and sub-melt | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:34 |
| S33 | 884    | 438/770.ccls.                         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2006/06/22 13:30 |
| S34 | 1006   | 438/770.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:34 |
| S35 | 983    | 438/758.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:30 |
| S36 | 2270   | 438/305.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:35 |
| S37 | 1331   | 438/303.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:31 |
| S38 | 386    | 438/308.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:31 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S39 | 167  | 438/372.ccls.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:31 |
| S40 | 757  | 257/E21.285.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:35 |
| S41 | 1014 | 257/E21.256.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:31 |
| S42 | 1114 | 257/E21.257.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:31 |
| S43 | 723  | 257/E21.335.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:31 |
| S44 | 634  | 257/E21.345.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:31 |
| S45 | 0    | 438/770.ccls. and (multiple adj laser) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/22 13:35 |
| S46 | 71   | 438/770.ccls. and ( laser)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/22 13:37 |
| S47 | 102  | 438/305.ccls. and laser                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:37 |
| S48 | 91   | 438/303.ccls. and laser                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:38 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S49 | 199 | 438/308.ccls. and laser                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:38 |
| S50 | 7   | 438/372.ccls. and laser                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:38 |
| S51 | 60  | 257/E21.285.ccls. and laser               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:39 |
| S52 | 138 | 257/E21.256.ccls. and laser               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:39 |
| S53 | 200 | 257/E21.257.ccls. and laser               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:36 |
| S54 | 95  | 257/E21.335.ccls. and laser               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:36 |
| S55 | 38  | 257/E21.345.ccls. and laser               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:36 |
| S56 | 0   | 438/770.ccls. and ( laser) and<br>submelt | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/22 13:37 |
| S57 | 0   | 438/305.ccls. and laser and<br>submelt    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:38 |
| S58 | 0   | 438/303.ccls. and laser and<br>submelt    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/22 13:38 |

## EAST Search History

|     |   |   |   |    |     |                  |
|-----|---|---|---|----|-----|------------------|
| S59 | 0 | 438/308.ccls. and laser and submelt     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/22 13:38 |
| S60 | 0 | 438/372.ccls. and laser and submelt     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:38 |
| S61 | 0 | 257/E21.285.ccls. and laser and submelt | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/22 13:39 |
| S62 | 0 | 257/E21.256.ccls. and laser and submelt | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/22 13:39 |